

What is Claimed is:

1. A headrest for a patient-bearing surface, characterized by an approximately horseshoe-shaped form with a central section (14) for supporting the rear or forehead of a head, which central section has a support surface of approximately spherical shape, and with two side sections (16) spaced from one another, the support surfaces of which side sections conform at least approximately to a common cylindrical surface whose axis runs parallel a line of symmetry (20) running between the side sections (16) of the head support, with there being a cheekbone support (18) on each of the side sections (16) which cheekbone support projects in the direction toward the other side section (16).
2. A headrest according to claim 1, further characterized in that it includes a rigid rest shell (10) and a support cushion (12) releasably connected with the rest shell.
3. A headrest according to claim 2, further characterized in that the rest shell (10) is made of plastic.
4. A headrest according to claim 2 or 3, further characterized in that the support cushion (12) on its side facing the rest shell (10) carries at least two stick pins (38) designed for insertion into through going bores (40) in the rest shell (10).
5. A headrest according to claim 4, further characterized in that the stick pins (36) each have a cylindrical shaft which cylindrical shaft has an elastically resilient band (38) with an external diameter slightly larger than the diameter of said bores.

6. A headrest according to one of claims 1 to 5, further characterized in that it is divided into two mirror image similar partial supports (50) along its line of symmetry (20).
7. A headrest according to one of claims 1 to 6, further characterized in that the headrest or each partial rest is connected to a fastening block (42) for holding it to a profiled rail.
8. A headrest according to one of claims 1 to 7, further characterized in that on the outer edge of each side section (16) is formed an eye (26) for the fastening of a belt (26) for fixing the head of a patient to the headrest.